

## **Patent Abstracts of Japan**

**PUBLICATION NUMBER** 

08040912

**PUBLICATION DATE** 

13-02-96

APPLICATION DATE

03-08-94

APPLICATION NUMBER

06214194

APPLICANT: RES INST FOR PROD DEV;

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INT.CL.

A61K 31/70 A61K 35/78 C07H 1/08

C07H 15/256 // C07J 63/00

TITLE

SACCHARIDE ABSORPTION

**INHIBITOR** 

COOH

ABSTRACT :

PURPOSE: To obtain an oleanolic acid 3-o-β-D-glucopyranosidouronic acid as the subject inhibitor by purifying with a silica gel a crude beet saponin derived from the extraction residues of sugar beet having been mass-wasted from sugar manufacturing works.

CONSTITUTION: A crude beet saponin is subjected to silica gel column chromatography and purified to obtain oleanolic acid 3-o-β-D- glucopyranosidouronic acid of the formula in high yield. This compound, a beet saponin, has excellent glucose/sucrose absorption-inhibitory activity, thus being useful as a raw material for medicines or functional foods; therefore, also usable for obesity prevention or hyperglycemia suppression.

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